



IFW

PATENT APPLICATION  
Mo-7254C  
MD-01-66-LS-C

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICATION OF	)	
KURT C. FRISCH ET AL	)	GROUP NO.: 1712
SERIAL NUMBER: 10/690,955	)	
FILED: OCTOBER 22, 2003	)	EXAMINER: M.G. MOORE
TITLE: MOISTURE-CURABLE, POLYETHER	)	
URETHANES WITH REACTIVE	)	
SILANE GROUPS AND THEIR USE	)	
AS SEALANTS ADHESIVES AND	)	
COATINGS	)	
U.S. PATENT NUMBER: 6,887,964 B2	)	
DATE ISSUED: MAY 3, 2005	)	

**LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Patentees have recently received the results of the International Search Report for the corresponding International application. Accordingly, enclosed is a copy of the following document, together with a copy of the International Search Report, to be placed with the prosecution history of the subject patent.

U.S. 6,762,270 B2 Bayer Aktiengesellschaft July 13, 2004  
(Bel. to corresp. to U.S. 2003/153712 A1)

It is believed that these documents may be of interest to any member of the general public examining the subject file.

Respectfully submitted,

By Thomas W. Roy  
Thomas W. Roy  
Attorney for Patentees  
Reg. No. 29,582

Bayer MaterialScienc LLC  
100 Bayer Road  
Pittsburgh, Pennsylvania 15205-9741  
(412) 777-3820  
FACSIMILE PHONE NUMBER:  
(412) 777-3902  
s:\bsh\TWR3027

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>Mo7254CIPPCT</b>	<b>FOR FURTHER ACTION</b>		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. <b>PCT/US2004/034611</b>	International filing date (day/month/year) <b>20/10/2004</b>	(Earliest) Priority Date (day/month/year) <b>22/10/2003</b>	
Applicant <b>BAYER MATERIALSCIENCE LLC</b>			

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

### 1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. \_\_\_\_\_

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

Best Available Copy

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2004/034611

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08G18/10 C08G18/48 C09J175/04 C09D175/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C08G C09J C09D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y <i>Ax</i>	US 2003/153712 A1 (LUDEWIG MICHAEL ET AL) 14 August 2003 (2003-08-14) - <i>US 6,762,270</i> paragraphs '0024!, '0025!; claims 1-3,17	1-25
Y <i>Ax</i>	WO 00/26271 A1 (BAYER AKTIENGESELLSCHAFT; WALTER, MARIE-HELENE HF; SCHMALSTIEG, <i>Blair Submitted</i> LUTZ;) 11 May 2000 (2000-05-11) cited in the application page 4, line 14 - page 4, line 19 page 6, line 1 - page 6, line 19 page 7, line 1 - page 8, line 20 claims 1-3,5,6  ----- -/--	1-25

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

31 January 2005

Date of mailing of the international search report

07/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Heidenhain, R

Best Available Copy

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/034611

**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y /X	US 6 265 517 B1 (STUART JONATHAN T) 24 July 2001 (2001-07-24) cited in the application column 6, line 10 - column 6, line 35 table 3 claims 1,4-6 <i>B/ART SUBMITTED</i>	1-25
A /X	US 5 364 955 A (ZWIENER ET AL) 15 November 1994 (1994-11-15) claims 1-4,7 <i>B/ART SUBMITTED</i>	1-25

**Best Available Copy**

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/034611

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2003153712	A1	14-08-2003	DE 10204523 A1	07-08-2003
			AU 2003244436 A1	02-09-2003
			BR 0307419 A	04-01-2005
			CA 2474953 A1	14-08-2003
			WO 03066701 A1	14-08-2003
			EP 1474460 A1	10-11-2004
WO 0026271	A1	11-05-2000	DE 19849817 A1	04-05-2000
			AT 248872 T	15-09-2003
			AU 743227 B2	24-01-2002
			AU 1152300 A	22-05-2000
			CA 2348566 A1	11-05-2000
			CN 1325413 T	05-12-2001
			CZ 20011504 A3	15-08-2001
			DE 59906898 D1	09-10-2003
			DK 1124872 T3	08-12-2003
			EP 1124872 A1	22-08-2001
			ES 2212678 T3	16-07-2004
			JP 2002528612 T	03-09-2002
			NO 20012033 A	25-04-2001
			PL 347426 A1	08-04-2002
			PT 1124872 T	31-12-2003
			SI 1124872 T1	31-12-2003
			US 6545087 B1	08-04-2003
US 6265517	B1	24-07-2001	NONE	
US 5364955	A	15-11-1994	DE 4237468 A1	11-05-1994
			AT 175970 T	15-02-1999
			CA 2102272 A1	07-05-1994
			DE 59309327 D1	04-03-1999
			EP 0596360 A1	11-05-1994
			ES 2127777 T3	01-05-1999
			JP 3342552 B2	11-11-2002
			JP 6211879 A	02-08-1994